CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 98-109

ADOPTION OF SITE CLEANUP REQUIREMENTS FOR:

PICK-YOUR-PART AUTO WRECKING

for the property located at

2557 W. WINTON AVENUE
HAYWARD, ALAMEDA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region (hereinafter Board), finds that:

1. **Site Location:** The site is located at 2557 W. Winton Avenue, in Hayward, California. The site is approximately 15 acres, and comprises five parcels, including the former Shafter property which occupies the northeast portion of the main Pick-Your-Part Auto Wrecking parking lot. This site is located in a manufacturing and commercial zoned area of the City of Hayward. The site is located along the historic shoreline of San Francisco Bay; with the western property line approximating the Historic High Sea Level for San Francisco Bay. HARD (Hayward Area Recreation District) owns property west of the site consisting of diked wetlands, seasonal ponds, and uplands.

2. **Site History:** The site has been used as an automobile dismantling and recycling facility for approximately 25 years. Pick-Your-Part Auto Wrecking has owned and operated an automobile dismantling and recycling facility at the site since 1985. The auto dismantling operations consist of removal of fluids, dismantling, crushing, bailing, and transporting vehicles. These activities have largely been conducted on bare soil with minimal historic use of best management practices to control spills, waste storage, and stormwater runoff. Hazardous materials stored and used at the site include solvents, petroleum fuels, metallic powders, and compressed gases. The site contains numerous areas of stained soils, pools of oil, and pools of radiator fluid.

The area where automobiles are crushed, and where engines are removed is heavily stained from the accumulation of spilled fuels, lubricants, and oil and grease. Polluted

stormwater has drained across this area and has flowed toward unlined ditches along the western boundary adjacent to the HARD property.

3. **Named Dischargers**: Pick-Your-Part Auto Wrecking is named as discharger because it has owned and operated the site since 1985.

   If additional information is submitted indicating that other parties caused or permitted any waste to be discharged on the site where it entered or could have entered waters of the state, the Board will consider adding that party's name to this order.

4. **Regulatory Status**: The site is not currently subject to a Board Order for Site Cleanup Requirements. Pick-Your-Part Auto Wreckers has filed a Notice of Intent to comply with State Board Order No. 97-03-DWQ, the General Permit for the Discharge of Stormwater Associated With Industrial Activity, WDID No. 2 01S005135.

5. **Site Hydrogeology**: Shallow groundwater underlying the site occurs at a depth of approximately 3 feet below ground surface. The near surface soils consist of nine (9) to eleven (11) feet of fill material consisting of silty clay, gravelly clay, and sandy gravel. The shallow fill materials are underlain by native silts and clays. Site investigations indicate the presence of a buried stream channel running in an east-west direction below the areas of auto storage, auto crushing, and former auto gas tank storage.

   The site elevation is higher than the adjacent properties. The surface drainage is to the south and west. There are unimproved drainage ditches to the west of the property separating it from the adjacent wetland, the HARD property. Groundwater flow within the shallow aquifer is westerly toward the adjacent wetlands.

6. **Remedial Investigation**: Four subsurface investigations have been performed at the site since 1994. Sixty seven soil borings have been advanced at the site to collect shallow soil data and grab ground water samples. Seven monitoring wells have been installed at the site and ground water monitoring has been performed quarterly since 1996. Additionally, four trenches were dug across areas of the site that showed surface contamination. The test results of the samples collected from these borings, trenches and wells revealed the presence of total petroleum hydrocarbons and volatile organics (BTEX) in both soil and groundwater in the battery storage, vehicle processing, and scrap areas of the facility. Oil and Grease concentrations in soil range from 580 mg/kg to 2,000 mg/kg, and total petroleum hydrocarbons as gasoline (TPHg) concentrations in soil of up to 246 mg/kg in soil on the western property boundary. TPHg has been found in groundwater from wells on the western boundary in concentrations as high as 430 ppb. Methyl tertiary butyl ether (MTBE) has been detected in groundwater at

Volatile Aromatic Compounds, Title 22 CAM Metals (TTLC), Oil and Grease, General Minerals, and Halogenated Volatile Hydrocarbons. Soil samples taken from the HARD property monitoring wells revealed low concentrations of TPH and Oil and Grease in some samples. It is likely that this contamination originates from the Pick-Your-Part Auto Wrecking facility.

Though the facility did not have a history of using chlorinated solvents in their operations, CPT boring/groundwater sampling point #10, located in the unpaved parking lot near the main public entrance, tested positive for chlorinated solvents not typical of solvent-based degreasers used in auto wrecking and recycling operations. The chlorinated hydrocarbon contaminants identified were similar to those associated with landfills. These chlorinated hydrocarbons may originate from an adjacent site, a former Class III Landfill known as "The Russell City Dump". Landfill debris and rubbish encountered during the sampling operation reinforce this suggestion.

7. **Interim Remedial Measures**: The discharger has not proposed or submitted any interim remedial measures. Interim remedial measures need to be implemented at this site to reduce the threat to water quality, public health, and the environment posed by the discharge of waste and to provide a technical basis for selecting and designing final remedial measures.

8. **Adjacent Sites**: Up to 4,700 ppm total petroleum hydrocarbons as diesel and 7,100 ppm Oil and Grease were detected in shallow soil at E&J Auto Wreckers located south of the site. Groundwater quality data has not yet been obtained at this site. Properties located south and west of the site were formerly occupied by a Class III landfill known as "Russell City Dump". The former landfill is currently subject to Board Cleanup and Abatement Orders CAO 87-077 and CAO 87-095.

9. **Basin Plan**: The Board adopted a revised Water Quality Control Plan for the San Francisco Bay Basin (Basin Plan) on June 21, 1995. This updated and consolidated plan represents the Board's master water quality control planning document. The revised Basin Plan was approved by the State Water Resources Control Board and the Office of Administrative Law on July 20, 1995, and November 13, 1995, respectively. A summary of regulatory provisions is contained in 23 CCR 3912. The Basin Plan defines beneficial uses and water quality objectives for waters of the State, including surface waters and groundwaters.

The potential beneficial uses of groundwater underlying and adjacent to the site include:

a. Industrial process water supply
b. Industrial service water supply
c. Agricultural water supply
d. Freshwater replenishment to surface waters

At present, there is no known use of groundwater underlying the site for the above purposes. The water is unsuitable for municipal/domestic uses because of brackish conditions (total dissolved solids greater than 6,000 ppb) and low pumping yields.

The existing and potential beneficial uses of San Francisco Bay and San Francisco Bay Wetlands include:

a. Water contact and non-contact recreation
b. Wildlife habitat
c. Cold freshwater and warm freshwater habitat
d. Fish migration and spawning
e. Navigation
f. Estuarine habitat
g. Shellfish harvesting
h. Preservation of rare and endangered species

10. **Other Board Policies**: Board Resolution No. 88-160 allows discharges of extracted, treated groundwater from site cleanups to surface waters only if it has been demonstrated that neither reclamation nor discharge to the sanitary sewer is technically and economically feasible.

    Board Resolution No. 89-39, "Sources of Drinking Water," defines potential sources of drinking water to include all groundwater in the region, with limited exceptions for areas of high TDS, low yield, or naturally-high contaminant levels.

11. **State Water Board Policies**: State Water Board Resolution No. 68-16, "Statement of Policy with Respect to Maintaining High Quality of Waters in California," applies to this discharge and requires attainment of background levels of water quality, or the highest level of water quality which is reasonable if background levels of water quality cannot be restored. Cleanup levels other than background must be consistent with the maximum benefit to the people of the State, not unreasonably affect present and anticipated beneficial uses of such water, and not result in exceedance of applicable water quality objectives.

    State Water Board Resolution No. 92-49, "Policies and Procedures for Investigation and Cleanup and Abatement of Discharges Under Water Code Section 13304," applies to this discharge. This order and its requirements are consistent with the provisions of Resolution No. 92-49, as amended.

12. **Preliminary Cleanup Goals**: The discharger will need to make assumptions about future cleanup standards for soil and groundwater, in order to determine the necessary extent of remedial investigation, interim remedial actions, and the draft cleanup plan. Pending the establishment of site-specific cleanup standards, the following preliminary cleanup goals should be used for these purposes:

a. Groundwater: Applicable water quality objectives (e.g. USEPA saltwater quality criteria) or, in the absence of a chemical-specific objective, risk-based levels for ecological receptors.

b. Soil: 1 mg/kg total volatile organic compounds (VOCs), 100 mg/kg petroleum hydrocarbons, and background concentrations of metals.

13. **Basis for 13304 Order**: The discharger has caused or permitted waste to be discharged or deposited where it is or probably will be discharged into waters of the State and creates or threatens to create a condition of pollution or nuisance.

14. **Cost Recovery**: Pursuant to California Water Code Section 13304, the discharger is hereby notified that the Board is entitled to, and may seek reimbursement for, all reasonable costs actually incurred by the Board to investigate unauthorized discharges of waste and to oversee cleanup of such waste, abatement of the effects thereof, or other remedial action, required by this order.

15. **CEQA**: This action is an order to enforce the laws and regulations administered by the Board. As such, this action is categorically exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to Section 15321 of the Resources Agency Guidelines.

16. **Notification**: The Board has notified the discharger and all interested agencies and persons of its intent under California Water Code Section 13304 to prescribe site cleanup requirements for the discharge, and has provided them with an opportunity to submit their written comments.

17. **Public Hearing**: The Board, at a public meeting, heard and considered all comments pertaining to this discharge.

IT IS HEREBY ORDERED, pursuant to Section 13304 of the California Water Code, that the discharger (or its agents, successors, or assigns) shall cleanup and abate the effects described in the above findings as follows:

A. **PROHIBITIONS**

1. The discharge of wastes or hazardous substances in a manner which will degrade water quality or adversely affect beneficial uses of waters of the State is prohibited.

2. Further significant migration of wastes or hazardous substances through subsurface transport to waters of the State is prohibited.

3. Activities associated with the subsurface investigation and cleanup which will cause significant adverse migration of wastes or hazardous substances are prohibited.

B. **TASKS**

1. **INTERIM REMEDIAL ACTION WORKPLAN**

COMPLIANCE DATE: November 30, 1998

Submit a workplan acceptable to the Executive Officer to evaluate interim remedial action alternatives and to recommend one or more alternatives for implementation. The workplan should specify a proposed time schedule. If groundwater extraction is selected as an interim remedial action, then one task will be the completion of an NPDES permit application for discharge of extracted, treated groundwater to waters of the State. The application must demonstrate that neither reclamation nor discharge to the sanitary sewer is technically or economically feasible.

2. **COMPLETION OF INTERIM REMEDIAL ACTIONS**

COMPLIANCE DATE: May 30, 1999

Submit a technical report acceptable to the Executive Officer documenting completion of necessary tasks identified in the Task 1 workplan. For ongoing actions, such as soil vapor extraction or groundwater extraction, the report should document start-up as opposed to completion.

3. **PROPOSED FINAL REMEDIAL ACTIONS AND CLEANUP STANDARDS**

COMPLIANCE DATE: November 30, 1999

Submit a technical report acceptable to the Executive Officer containing:

a. Results of the remedial investigation
b. Evaluation of the installed interim remedial actions
c. Feasibility study evaluating alternative final remedial actions
d. Risk assessment for current and post-cleanup exposures
e. Recommended final remedial actions and cleanup standards
f. Implementation tasks and time schedule

Item c should include projections of cost, effectiveness, benefits, and impact on public health, welfare, and the environment of each alternative action.

Items a through c should be consistent with the guidance provided by Subpart F of the National Oil and Hazardous Substances Pollution Contingency Plan (40 CFR Part 300), CERCLA guidance documents with respect to remedial investigations and feasibility studies, Health and Safety Code Section 25356.1(c), and State Board Resolution No. 92-49 as amended ("Policies and Procedures for Investigation and Cleanup and Abatement of Discharges Under Water Code Section 13304").

Items a through e should consider the preliminary cleanup goals for soil and groundwater identified in finding 12.

8. **Delayed Compliance**: If the discharger is delayed, interrupted, or prevented from meting one or more of the completion dates specified for the above tasks, the discharger shall promptly notify the Executive Officer and the Board may consider revision to this Order.

C. **PROVISIONS**

1. **No Nuisance**: The storage, handling, treatment, or disposal of polluted soil or groundwater shall not create a nuisance as defined in California Water Code Section 13050(m).

2. **Good Operation and Maintenance (O&M)**: The discharger shall maintain in good working order and operate as efficiently as possible any facility or control system installed to achieve compliance with the requirements of this Order.

3. **Cost Recovery**: The discharger shall be liable, pursuant to California Water Code Section 13304, to the Board for all reasonable costs actually incurred by the Board to investigate unauthorized discharges of waste and to oversee cleanup of such waste, abatement of the effects thereof, or other remedial action, required by this Order. If the site addressed by this Order is enrolled in a State Board-managed reimbursement program, reimbursement shall be made pursuant to this Order and according to the procedures established in that program. Any disputes raised by the discharger over reimbursement amounts or methods used in that program shall be consistent with the dispute resolution procedures for that program.

4. **Access to Site and Records**: In accordance with California Water Code Section 13267(c), the discharger shall permit the Board or its authorized representative:

a. Entry upon premises in which any pollution source exists, or may potentially exist, or in which any required records are kept, which are relevant to this Order.

b. Access to copy any records required to be kept under the requirements of this Order.

c. Inspection of any monitoring or remediation facilities installed in response to this Order.

d. Sampling of any groundwater or soil which is accessible, or may become accessible, as part of any investigation or remedial action program undertaken by the discharger.

5. **Self-Monitoring Program**: The discharger shall comply with the Self-Monitoring Program as attached to this Order and as may be amended by the Executive Officer.

6. **Contractor / Consultant Qualifications**: All technical documents shall be signed by and stamped with the seal of a California registered geologist, a California certified engineering geologist, or a California registered civil engineer.

7. **Lab Qualifications**: All samples shall be analyzed by State-certified laboratories or laboratories accepted by the Board using approved EPA methods for the type of analysis to be performed. All laboratories shall maintain quality assurance/quality control (QA/QC) records for Board review. This provision does not apply to analyses that can only reasonably be performed on-site (e.g. temperature).

8. **Document Distribution**

10. **Reporting of Hazardous Substance Release**: If any hazardous substance is discharged in or on any waters of the State, or discharged or deposited where it is, or probably will be, discharged in or on any waters of the State, the discharger shall report such discharge to the Regional Board by calling (510) 286-1255 during regular office hours (Monday through Friday, 8:00 to 5:00).

    A written report shall be filed with the Board within five working days. The report shall describe: the nature of the hazardous substance, estimated quantity involved, duration of incident, cause of release, estimated size of affected area, nature of effect, corrective actions taken or planned, schedule of corrective actions planned, and persons/agencies notified.

    This reporting is in addition to reporting to the Office of Emergency Services required pursuant to the Health and Safety Code.

11. **Periodic SCR Review**: The Board will review this Order periodically and may revise it when necessary. The discharger may request revisions and upon review the Executive Officer may recommend that the Board revise these requirements.

I, Loretta K. Barsamian, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on October 21, 1998.

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Loretta K. Barsamian
Executive Officer

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FAILURE TO COMPLY WITH THE REQUIREMENTS OF THIS ORDER MAY SUBJECT YOU TO ENFORCEMENT ACTION, INCLUDING BUT NOT LIMITED TO: IMPOSITION OF ADMINISTRATIVE CIVIL LIABILITY UNDER WATER CODE SECTIONS 13268 OR 13350, OR REFERRAL TO THE ATTORNEY GENERAL FOR INJUNCTIVE RELIEF OR CIVIL OR CRIMINAL LIABILITY

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Attachments: Site Map
Self-Monitoring Program

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM FOR:

PICK-YOUR-PART AUTO WRECKING

for the property located at

2557 W. WINTON AVENUE
HAYWARD, CA 94545
ALAMEDA COUNTY

1. **Authority and Purpose**: The Board requests the technical reports required in this Self-Monitoring Program (SMP) pursuant to Water Code Sections 13267 and 13304. This Self-Monitoring Program is intended to document compliance with Board Order No. 98-109 (site cleanup requirements).

2. **Monitoring**: The discharger shall measure groundwater elevations quarterly in all monitoring wells, and shall collect and analyze representative samples of groundwater according to the schedule in Appendix 1 of this SMP.

   The discharger shall sample any new monitoring or extraction wells quarterly and analyze groundwater samples for the same constituents as shown in Appendix I. The discharger may propose changes in the SMP; any proposed changes are subject to Executive Officer approval.

3. **Quarterly Monitoring Reports**: The discharger shall submit quarterly monitoring reports to the Board no later than 30 days following the end of the quarter (e.g. report for first quarter of the year due April 30). The first quarterly monitoring report shall be due on October 30,1998. The reports shall include:

   a. Transmittal Letter: The transmittal letter shall discuss any violations during the reporting period and actions taken or planned to correct the problem. The letter shall be signed by the discharger's principal executive officer or his/her duly authorized representative, and shall include a statement by the official, under penalty of perjury, that the report is true and correct to the best of the official's knowledge.

   b. Groundwater Elevations: Groundwater elevation data shall be presented in tabular form, and a groundwater elevation map should be prepared for each

monitored water-bearing zone. Historical groundwater elevations shall be included in the fourth quarterly report each year.

c. Groundwater Analyses: Groundwater sampling data shall be presented in tabular form, and an isoconcentration map should be prepared for one or more key contaminants for each monitored water-bearing zone, as appropriate. The report shall indicate the analytical method used, detection limits obtained for each reported constituent, and a summary of QA/QC data. Historical groundwater sampling results shall be included in the fourth quarterly report each year. The report shall describe any significant increases in contaminant concentrations since the last report, and any measures proposed to address the increases. Supporting data, such as lab data sheets, need not be included (however, see record keeping - below).

d. Groundwater Extraction: If applicable, the report shall include groundwater extraction results in tabular form, for each extraction well and for the site as a whole, expressed in gallons per minute and total groundwater volume for the quarter. The report shall also include contaminant removal results, from groundwater extraction wells and from other remediation systems (e.g. soil vapor extraction), expressed in units of chemical mass per day and mass for the quarter. Historical mass removal results shall be included in the fourth quarterly report each year.

e. Status Report: The quarterly report shall describe relevant work completed during the reporting period (e.g. site investigation, interim remedial measures) and work planned for the following quarter.

4. **Violation Reports**: If the discharger violates requirements in the Site Cleanup Requirements, then the discharger shall notify the Board office by telephone as soon as practicable once the discharger has knowledge of the violation. Board staff may, depending on violation severity, require the discharger to submit a separate technical report on the violation within five working days of telephone notification.

5. **Other Reports**: The discharger shall notify the Board in writing prior to any site activities, such as construction or underground tank removal, which have the potential to cause further migration of contaminants or which would provide new opportunities for site investigation.

6. **Record Keeping**: The discharger or his/her agent shall retain data generated for the above reports, including lab results and QA/QC data, for a minimum of six years after origination and shall make them available to the Board upon request.

7. **SMP Revisions**: Revisions to the Self-Monitoring Program may be ordered by the Executive Officer, either on his/her own initiative or at the request of the discharger.

Prior to making SMP revisions, the Executive Officer will consider the burden, including costs, of associated self-monitoring reports relative to the benefits to be obtained from these reports.

I, Loretta K. Barsamian, Executive Officer, hereby certify that this Self-Monitoring Program was adopted by the Board on October 21, 1998.

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Loretta K. Barsamian
Executive Officer

Attachment: Appendix I

APPENDIX I

Self-Monitoring Schedule for Pick-Your-Part Auto Wrecking

Well #	Sampling Frequency	Analyses
MW1 - MW7	Q	8015, 5520, 418.1, 602, 601, 6010, 425.1,

		8260

Key: Q = Quarterly
8015 = EPA Method 8015 or equivalent
8260 = EPA Method 8260 or equivalent
5520 = EPA Method 5520 or equivalent
418.1= EPA Method 418.1 or equivalent
602 = EPA Method 602 or equivalent
601 = EPA Method 601 or equivalent
6010 = EPA Method 6010 or equivalent
425.1= EPA Method 425.1 or equivalent